

Abstract

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A method and system for generating a user interface in a plurality of multiple devices connected to the network system for controlling devices that are currently connected to a network. A network system includes a physical layer, wherein the physical layer provides a communication medium than can be used by devices to communicate with each other, and multiple devices connected to the physical layer, one or more of said multiple devices storing information including device information. A plurality of said multiple devices each including an agent adapted for: (a) obtaining information from devices currently connected to the network, said information including device information; (b) generating a user interface description in each of said one or more devices based at least on the obtained information, the user interface description in each device including at least one reference associated with the device information of each of said devices currently connected to the network; and (c) displaying one or more user interfaces each based on one of said one or more user interface descriptions, on one or more devices connected to the network capable of displaying a user interface, for user control of said devices that are currently connected to the network.

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